

### **AMENDMENTS TO THE CLAIMS**

Please cancel Claims 49, 53, 54, 100, 102-107, 110-111, 114, 116-119 and 123, without prejudice, as shown below.

Please amend Claims 55, 61, 112 and 115 as shown in the following list of claims.

1-54. (Canceled).

55. (Currently amended) An isolated polynucleotide consisting of at least 18 consecutive bases to about 100 consecutive bases of SEQ ID NOS:1 or 2, or the complement thereof, wherein said isolated polynucleotide includes at least one SNP selected from a group consisting of SNPs at positions ~~230376, 214795, 207400, 200027, 195404, 160007, 125581, 120853, 96315,~~ 61465, 40431, ~~38526~~ and 35983 of SEQ ID NO:1, wherein said SNPs are found in a general human population with about 25% or less frequency.

56-58. (Canceled).

59. (Previously presented) A kit comprising at least one isolated polynucleotide of Claim 55 and instructions to use the kit.

60. (Previously presented) A kit comprising at least two isolated polynucleotides as in Claim 55.

61. (Currently amended) An isolated polynucleotide consisting of at least 100 consecutive bases to about 235 consecutive kilobases of SEQ ID NOS:1 or 2, or the complement thereof, wherein said isolated polynucleotide includes at least one SNP selected from a group consisting of SNPs at positions ~~230376, 214795, 207400, 200027, 195404, 160007, 125581, 120853, 96315,~~ 61465, 40431, ~~38526~~ and 35983 of SEQ ID NO:1, wherein said SNPs are found in a general human population with about 25% or less frequency.

62. (Previously presented) The isolated polynucleotide of Claim 61 which is cDNA.

63. (Previously presented) The isolated polynucleotide of Claim 61 which is RNA.

64. (Previously presented) The isolated polynucleotide of Claim 61 which is genomic DNA.

65-111. (Canceled).

112. (Currently amended) An array comprising a plurality of polynucleotides ~~oligonucleotides according to claim 123~~ immobilized on a substrate, wherein said plurality comprises the isolated polynucleotide of Claim 55 or 61.

113.-114. (Canceled).

115. (Currently amended) The array of ~~claim~~ Claim 112, wherein one or more of the ~~oligonucleotides~~ polynucleotides are labeled.

116.-123. (Canceled).